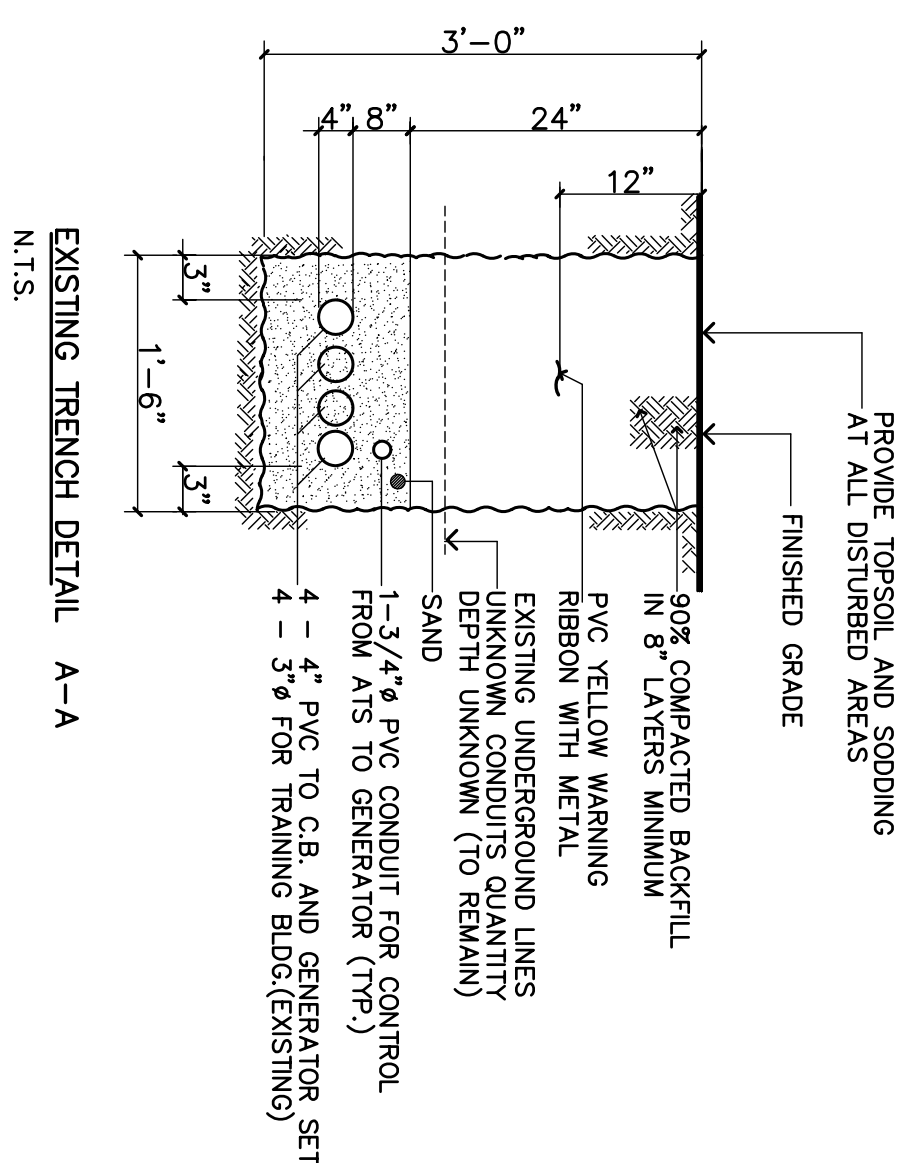


ABBREVIATIONS

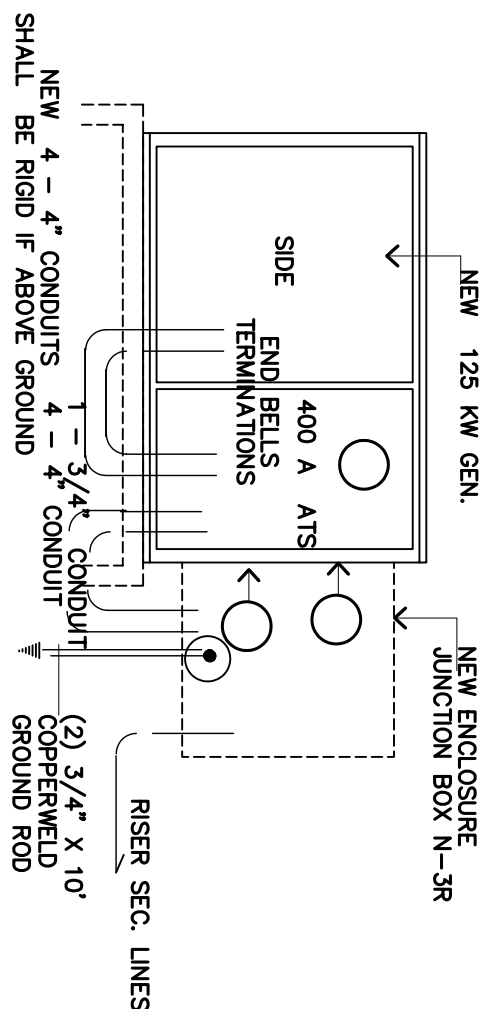
A	AMPERE	NUMBER
APPD	APPROVED	POLE
ATS	AUTOMATIC TRANSFER SWITCH	PRI
Bldg. B.	BUILDING	PSI
C.B.	CIRCUIT BREAKER	POUND PER SQUARE INCH
COND	CONDUIT	PVC
DP	DISTRIBUTION PANEL	REVISION
Ø, DIA	DIAMETER	RE
E	EXISTING	REPLACE EMERGENCY
E	EMERGENCY GENERATOR	SECONDARY
FEET	FEET	STD
FG	GALVANIZED	STANDARD SHEET
GALV	GALVANIZED	THIN
KV	KILOVOLT	TP
KV	KILOVOLT	TRANSFORMER
MCM	THOUSAND CIRCULAR MILS	TX
MIN	MINIMUM	RCG
MTD	MOUNTED	
MTS	MANUAL TRANSFER SWITCH	V
N3-R	NEMA STANDARD, RAINIGHT	W/
NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION	
	NOT TO SCALE	XHW

NOTES:

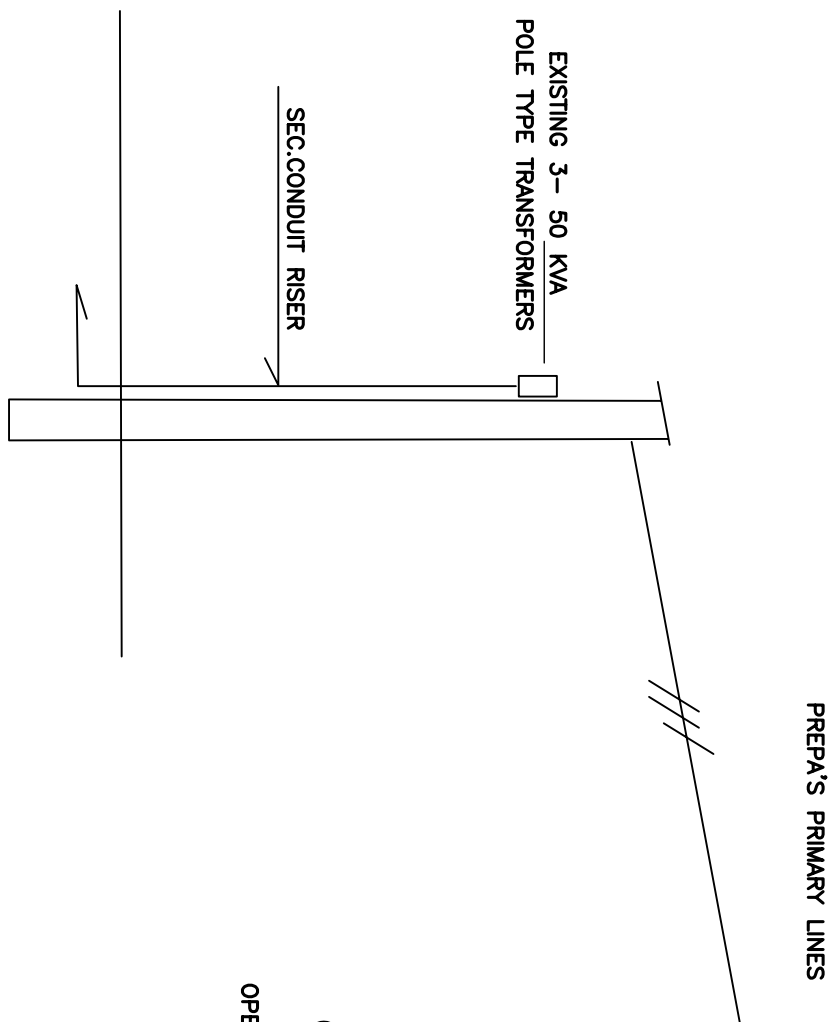
- ① DISCONNECT INCOMING WIRES FROM:
 - o 150 KVA, 120/208 VOLTS TRANSFORMER CLUSTER SECONDARY SIDE
- ② INSTALL:
 - o INSTALL THE 400A, 3P, AUTOMATIC TRANSFER SWITCH (ATS) ON THE NEW CONCRETE PAD
- ③ INSTALL FEEDER
- ④ ENCLOSED 400A, CIRCUIT BREAKER TO THE 400 AMPS, ATS
- ⑤ INSTALL GENERATOR CABLE TO ATS, FROM ATS TO CB ENCLOSURE.
- ⑥ INSTALL THE GF 125 KW, 3P, 120/208 V AND INTEGRATED DIESEL TANK, AT INDICATED LOCATION. GENERATORS SHALL HAVE NEOPRENE GASKETS FOR VIBRATION
- ⑦ ALL EXISTING CIRCUITS SHALL BE REMOVED AND/OR RE-ROUTED TO THE EXISTING ELECTRICAL RACKS AND BE PROTECTED BY THE SAME. ALL WIRING IN ORDER TO BE POWERED FROM THE GENERATOR DURING AN EMERGENCY
- ⑧ CONTRACTOR SHALL RE-WIRE AND TEST ALL EQUIPMENT TO PROPER OPERATION
- ⑨ CONTRACTOR SHALL SAW CUT THE EXISTING SECONDARY RISER TO INSTALL THE JUNCTION BOX (SEE DETAIL BELOW)
- ⑩ BOTH EQUIPMENT SHALL BE ATTACHED WITH BOLTS AND NUTS. A NEOPRENE GASKET SHALL BE INSERTED BETWEEN BOTH EQUIPMENT
- ⑪ NEW CONCRETE PAD FOR THE GENERATOR -SET AND DIESEL TANK
- ⑫ CONNECT ALL EXISTING SECONDARY TRANSFORMER WIRES TO C.B. WITH 350 MCM
- ⑬ EXISTING 4-4" PVC CONDUITS TO BE REMOVED WITH 4 SETS (2 # 350 MCM) CABLES (2 SETS PER EACH 4" CONDUIT). USE BULIT CONNECTORS FOR SPLICING.
- ⑭ CONTRACTOR SHALL SUPPLY ALL NECESSARY FUEL PUMPS AND ACCESSORIES FOR FUEL TRANSFER FROM EXT. TANK TO GENERATOR TANK



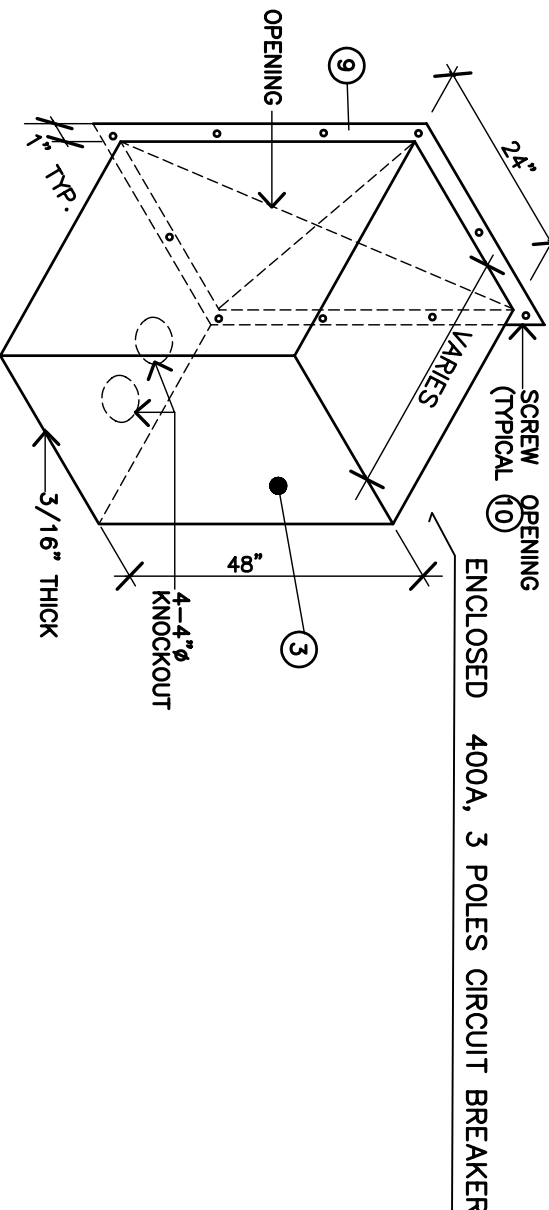
EXISTING TRENCH DETAIL A-A



ELECTRICAL SINGLE LINE DIAGRAM



SIDE ELEVATION



ENCLOSURE JUNCTION BOX DETAIL

GENERATOR SYSTEM		G-2
DEPARTMENT OF THE ARMY FOOT BLOOMANN		
(ARIM) DCSN		
GENERATOR FOR PFC. LUIS F. GARCIA US ARMY RESERVE CENTER YAUOCO, PUERTO RICO		
DATE REVISIONS BY	GEN DOW NO. GEN NUMBER NO. SNA PROJ NO. GEN PROJ NO. GEN SCHED. PROJ NO# GEN R/O BR MOR	DRAWN BY DATE NO. DRAWS ON ARCH/ENG F P DES JHM
ACTIVITY - SATISFACTORY TO	SIZE CODE IDENT NO. DRAWING NO. CONECT. CONTROL NO. PROTO/LETP#	PLOT NAME FILE SCALE 1"=80' SHEET 3 OF 3